

Title (en)
ELECTRONIC DEVICE INCLUDING BODY-CONTACTABLE ELECTRODE

Title (de)
ELEKTRONISCHE VORRICHTUNG MIT KÖRPERKONTAKTIERBARER ELEKTRODE

Title (fr)
DISPOSITIF ÉLECTRONIQUE COMPRENANT UNE ÉLECTRODE POUVANT ÊTRE MISE EN CONTACT AVEC LE CORPS

Publication
EP 4261624 A4 20240529 (EN)

Application
EP 21921500 A 20211229

Priority
• KR 20210010152 A 20210125
• KR 2021020130 W 20211229

Abstract (en)
[origin: EP4261624A1] An electronic device according to various embodiments disclosed in the present document may comprise: a main body unit; a display; an electrode positioned in the main body unit to be in contact with a user's body; and a processor operatively connected to the display and the electrode, wherein the processor may: identify an electrical numerical value measured through the electrode; determine whether to control the performance of the electronic device by comparing the identified electrical numerical value with a preset control required numerical value; identify which of a first range and a second range the identified electrical numerical value falls within, the first range and the second range being classified and set in advance; on the basis of the identified electrical numerical value falling within the first range, control the performance of the electronic device in a first step; and on the basis of the identified electrical numerical value falling within the second range, control the performance of the electronic device in a second step, wherein the performance of the electronic device controlled in the second step may be relatively lower than the performance of the electronic device controlled in the first step. Various other embodiments are possible.

IPC 8 full level
G04G 21/02 (2010.01); **G04G 9/00** (2006.01); **G04G 17/00** (2013.01); **G04G 17/06** (2006.01); **G04G 99/00** (2010.01); **G08B 21/02** (2006.01)

CPC (source: EP KR US)
G04G 9/0064 (2013.01 - KR US); **G04G 17/00** (2013.01 - KR); **G04G 17/06** (2013.01 - EP); **G04G 21/02** (2013.01 - KR US);
G04G 21/025 (2013.01 - EP); **G04G 99/00** (2013.01 - US); **G08B 21/02** (2013.01 - KR); **G04G 99/006** (2013.01 - KR)

Citation (search report)
• [XA] JP 2006293814 A 20061026 - MATSUSHITA ELECTRIC IND CO LTD
• [XA] WO 2019212156 A1 20191107 - SAMSUNG ELECTRONICS CO LTD [KR] & US 2021240165 A1 20210805 - NOH HYUNJIN [KR], et al
• See also references of WO 2022158743A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 4261624 A1 20231018; EP 4261624 A4 20240529; KR 20220107480 A 20220802; US 2023359152 A1 20231109;
WO 2022158743 A1 20220728

DOCDB simple family (application)
EP 21921500 A 20211229; KR 20210010152 A 20210125; KR 2021020130 W 20211229; US 202318224870 A 20230721